

ANISIMOV, K.N.; KOLOBOVA, N.Ye.

Addition of phenyltetrachlorophosphine to ethyl vinyl ether and the transformation of the adduct into various derivatives of β -ethylvinylphenylphosphinic and β -ethylvinylphenylphosphinous acids. Izv.AN SSSR.Otd.khim.nauk no.3:444-448 Mr '62. (MIRA 15:3)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Ethers) (Phosphinic acid) (Phosphinous acid)

ANISIMOV, K.N.; KOLOBOVA, N.Ye.

Synthesis of tert.but./cyclopentadienyl manganese tricarbonyl
and its derivatives. Izv.AN SSSR Otd.khim.nauk no.4:721-722
Ap '62. (MIRA 15:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Manganese organic compounds)

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N.Ye.

Some chemical properties of butadiene iron tricarbonyl. Izv.AN
SSSR Otd.khim.nauk no.4:722-724 Ap '62. (MIRA 15:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Iron organic compounds)

36641

S/062/62/000/004/011/013
B110/B101

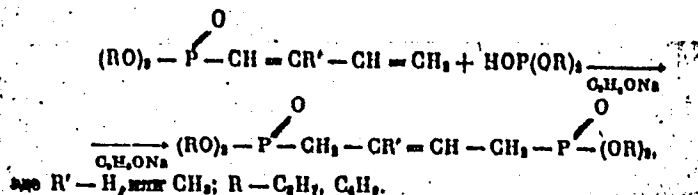
5.3630

AUTHORS: Kolobova, N. Ye., and Anisimov, K. N.

TITLE: Addition of dialkyl phosphoric acids to the esters of
butadienyl and isoprenyl phosphinic acids

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
nauk, no. 4, 1962, 726 - 727

TEXT: The addition of dialkyl phosphoric acids to the esters of butadienyl
and isoprenyl phosphinic acids, described by the authors (Izv. AN SSSR
Otd. khim. n. 1956, 923, ibid., 1956, 927), has been investigated. Exo
thermic addition in 1,4-position takes place in the presence of alkali
alcoholate:



Card 1/2

KOLOBOVA, N.Ye.; ANISIMOV, K.N.

Addition of alkyl mercaptans to the esters of butadienyl- and
isoprenylphosphinic acids. Izv. AN SSSR. Otd. khim. nauk no. 6:
1117-1118 '62. (MIRA 15:8)

1. Institut elementoorganicheskikh soedineniy AN SSSR.
(Thiols) (Phosphinic acid)

S/062/62/000/008/001/016
B101/B180

AUTHORS: Anisimov, K. N., and Baryshnikov, L. I.
TITLE: Preparation of rhenium carbonyl chloride
PERIODICAL: Akademiya nauk SSSR. Izvestiya.. Otdeleniye khimicheskikh.
nauk, no. 8, 1962, 1321

TEXT: The method of A. N. Nesmeyanov et al. (Zh. neorg. khimii, 4, 249 (1959); ibid., 4, 503 (1959)) was used. ReCl_5 was heated in an autoclave ($p_{\text{H}_2} = 50 \text{ atm}$, $p_{\text{CO}} = 50 \text{ atm}$) for 5.5 hrs at $70-145^\circ\text{C}$ with $\text{Fe}(\text{CO})_5$ dissolved in ether. The total pressure rose to 145 atm during the reaction, falling to 90 atm at 18°C at the end. The grey powder filtered off from the ether was extracted with boiling benzene. The white crystals obtained (30% yield) had m.p. $264-265^\circ\text{C}$ and composition $\text{Re}(\text{CO})_5\text{Cl}$. The compound is soluble in tetrahydrofuran, acetone, and benzene, but insoluble in water. The rhenium carbonyl $\text{Re}_2(\text{CO})_{10}$ could not be prepared in this way.

Card 1/2

ANISIMOV, K.N.

Preparation of rhenium carbonyl chloride. Izv.AN SSSR.Otd.khim.
nauk no.8:1322 Ag '62. (MIRA 15:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Rhenium carbonyl) (Rhenium chloride)

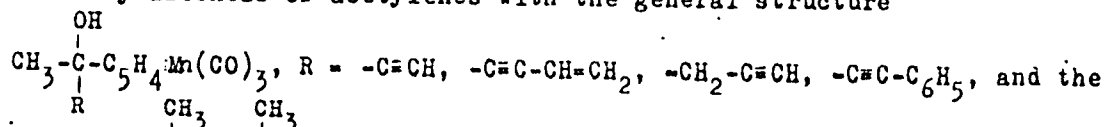
S/062/62/000/011/013/021
B101/B144

AUTHORS: Nesmeyanov, A. N., Anisimov, K. N., Kolobova, N. Ye., and
Magomedov, G. K.

TITLE: Reaction of acetyl cyclopentadienyl manganese tricarbonyl with
Grignard reagent and with Iotsich complex

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
nauk, no. 11, 1962, 2072 - 2073

TEXT: Reaction of acetyl cyclopentadienyl manganese tricarbonyl with the
corresponding Grignard reagents and with the Iotsich complex produced
tertiary alcohols of acetylenes with the general structure



glycol $\text{HO}-\overset{\text{CH}_3}{\underset{(\text{CO})_3\text{MnH}_4\text{C}_5}{\text{C}}}-\text{C}\equiv\text{C}-\overset{\text{CH}_3}{\underset{\text{C}_5\text{H}_4\text{Mn}(\text{CO})_3}{\text{C}}}-\text{OH}$. The alcohols are thick yellow liquids, the glycol is

Card 1/2

Reaction of acetyl...

S/062/62/000/011/013/021
B101/B144

crystalline. The structures of the synthesized compounds were confirmed by the IR spectra. The relevant data will be published later. Compounds obtained: 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-butyne-3, yield 81%, b.p. $27^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.5912, d_4^{20} 1.4131; 2,5-dihydroxy-2,5-bis-(cyclopentadienyl-manganese-tricarbonyl)-hexyne-3, m.p. $142 - 143^{\circ}\text{C}$ without decomposition, yield 40%; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-4-phenyl-butyne-3, yield 71%, b.p. $70^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.6238, d_4^{20} 1.3386; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-hexen-5-yne-3, yield 90%, b.p. $80^{\circ}\text{C}/10^{-2}$ mm Hg, n_D^{20} 1.5945, d_4^{20} 1.3307; 2-hydroxy-2-cyclopentadienyl-manganese-tricarbonyl-pentyne-4, yield 63%, b.p. $40^{\circ}\text{C}/10^{-4}$ mm Hg, n_D^{20} 1.5850, d_4^{20} 1.3635. ✓

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk SSSR
(Institute of Elemental Organic Compounds of the Academy of Sciences USSR)

SUBMITTED: June 4, 1962
Card 2/2

S/062/63/000/001/023/025
B101/B186

AUTHORS: Nesmeyanov, A. N., Anisimov, K. N., Kolobova, N. Ye., and
Baryshnikov, L. I.

TITLE: New method of synthesizing rhenium cyclopentadienyl tricarbonyl

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
nauk, no. 1, 1963, 193 - 194

TEXT: $C_5H_5Re(CO)_3$ was obtained in 60% yield by reaction of rhenium penta-
carbonyl chloride with sodium or thallium cyclopentadiene in benzene or
tetrahydrofuran at 40-50°C. The m.p. of this compound was found to be
110-111°C and not 111-114°C as found by R. L. Pruett, E. L. Morehouse (Chem.
and Industr., 1958, 980).

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR
(Institute of Elemental Organic Compounds of the Academy of
Sciences USSR)

SUBMITTED: November 26, 1962
Card 1/1

s/0062/63/000/007/1348/1350

ACCESSION NR: AP3009840

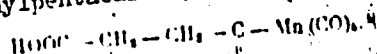
AUTHORS: Nesmeyanov, A. N.; Anisimov, K. N.; Kolobova, N. Ye.

TITLE: Derivatives of pentacarbonyl manganese.

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1963, 1348-1350.

TOPIC TAGS: H sub 2 SO sub 4, manganese, Beta-carboalkoxy propionic acid, adipic acid, terephthalic acid, tetrahydrofuran, dioxan, pentacarbonyl manganese.

ABSTRACT: Synthesis and properties of new derivatives are reported which were obtained by the reaction of $\text{NaMn}(\text{CO})_5$ with the acid chlorides of Beta-carboalkoxy propionic acids and the acid chlorides of adipic and terephthalic acid in a tetrahydrofuran medium. The following were obtained: Beta-carbo(methoxy, ethoxy, propoxy)-propionylpentacarbonyl manganese, adipinyl-bis and p-phthaloyl-bis (pentacarbonyl manganese). The first 3 compounds were soluble in the usual organic solvents, the last 2 in dioxan. All decomposed in H_2SO_4 . The last compound yielded p-phenylene-bis (pentacarbonyl manganese) upon heating to 120-125°C. Hydrolysis of Beta-carbomethoxypropionylpentacarbonyl manganese yielded the ketoacid



Card 1/2

ACCESSION NR: AP3009840

Bromination of the former gave bromopentacarbonyl manganese and Beta-carbomethoxypropionyl bromide which hydrolyzed to succinic acid. Infrared spectra were determined in the 1630-1645 and 2000-2140 cm^{-1} range. Upon heating to 100C CO was in- completely liberated (ketone group in the infrared spectrum), while disintegration with formation of $\text{Mn}_2(\text{CO})_{10}$ was observed above 100C, with the exception of the phthaloyl compound. All reactions were conducted in an inert atmosphere. Yields were 75-92%. Orig. art. has: 6 formulas.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk SSSR
(Institute of organo-metallic compounds, Academy of sciences, SSSR).

SUBMITTED: 25Feb63

DATE ACQ: 15Aug63.

ENCL: 00

SUB CODE: CH

NO REF SCV: 000

OTHER: 006

Card 2/2

L 17420-63
RM/WM/JD/JW/MAY/JG EWP(j)/EPP(c)/EWP(q)/EWT(m)/BDS AFFTO/ASD PC-4/Pr-4
ACCESSION NR: AP3004341 8/0078/63/008/008/1806/1808

AUTHORS: Krichevskaya, O. D.; Belozerskiy, N. A.; Segal', L. D.; Kolobova, N. Ye.;
Anisimov, K. N.; Neamsyanov, A. N.

TITLE: Kinetics of thermal decomposition of solid metal carbonyl compounds 77

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 8, 1963, 1806-1808.

TOPIC TAGS: carbonyl, solid carbonyl, molybdenum, manganese cyclopentadienyl-

ABSTRACT: Authors show the dissociation of solid carbonyl compounds: molybdenum carbonyl Mo(CO)_6 and manganese cyclopentadienyltricarbonyl $\text{C}_5\text{H}_5\text{Mn(CO)}_3$. The thermal decomposition of molybdenum carbonyl vapors $\text{Mo(CO)}_6 \rightarrow \text{Mo} + 6\text{CO}$ takes place with an increase of volume six times the original value. A special manometer was used to accurately measure the kinetics of thermal decomposition. It was shown that both reactions of the above compounds follow the first law. The activation energy was calculated from a graph. The value for Mo(CO)_6 was found to be $E = 17.5$ kcal/mole and for $\text{C}_5\text{H}_5\text{Mn(CO)}_3$, $E = 17.9$ kcal/mole. Orig. art. has: 7 figures and 1 table. 27

ASSN: STATE INSTITUTE FOR NICKEL INDUSTRY PLANNING; INSTITUTE OF ORGANOELEMENTAL COMPOUNDS, ACADEMY OF SCIENCES, SSSR.

Cord 1/0/

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N.Ye.

Synthesis of cyclopentadienyl- and methylcyclopentadienyltricarbonyl-manganese. Izv. AN SSSR Ser.khim. no.10:1880 0 '63. (MIRA 17:3)

1. Institut elementoorganicheskikh sovedineniy AN SSSR.

NESMEYANOV, A.N.; ANISIMOV, K.N.; VALUYEVA, Z.P.

Chloromethylation of cyclopentadienylmanganese tricarbonyl.
Izv. AN SSSR. Ser. khim. no.12:2233-2234 D '63.

(MIRA 17:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ACCESSION NR: AP4033393

S/0062/64/000/004/0763/0764

AUTHOR: Nesmeyanov, A. N.; Anisimov, K. N.; Valuyeva, Z. P.

TITLE: Phosphorylation of cyclopentadienylmanganesetricarbonyl

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 4, 1964, 763-764

TOPIC TAGS: cyclopentadienylmanganesetricarbonyl, phosphorylation, cyclopentadienylmanganesetricarbonyl phosphorus derivative

ABSTRACT: Cyclopentadienylmanganesetricarbonyl was phosphorylated with PCl_3 (in a 1:4 molar ratio) in the presence of AlCl_3 and isopentane to form, in 28% yield, a phosphorus derivative having the probable structure $\text{C}_5\text{H}_5\text{Mn}(\text{CO})_2\text{PCl}_2$, boiling at 86-87°C:

Cord 1/2

ANISIMOV, K.N.; KOLODOVA, N.Ye.; MAGOMETOV, G.K.; DVORYANTSEVA, G.G.

Ethers of 2-hydroxyhexen-5-yn-3-yl-2-cyclopentadienylmanganese
tricarbonyl. Izv. AN SSSR Ser. khim no.7:1320-1322 J1 '64.
(MIRA 17:8)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; ZLOTINA, I.B.

Homologs of cyclopentadienylmanganese tricarbonyl. Izv.
AN SSSR Ser. khim. no.7:1326-1327 J1 '64.

(MIRA 17:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ACCESSION NR: AP4042882

S/0062/64/000/007/1356/1356

AUTHOR: Nesmeyanov, A. N.; Anisimov, K. N.; Kolobova, N. Ye.

TITLE: Manganese pentacarbonyl derivatives

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1964, 1356

TOPIC TAGS: manganese pentacarbonyl derivative, furoylmanganese pentacarbonyl, furylmanganese pentacarbonyl

ABSTRACT: In a continuation of research on derivatives of manganese pentacarbonyl, a new compound, 2-furoylmanganese pentacarbonyl, has been prepared. Synthesized from 2-furoyl chloride and manganese sodium pentacarbonyl in quantitative yield, it is light yellow, insoluble in water, and soluble in organic solvents, with mp = 72—73°C. On melting, it liberates one molecule of CO to form 2-furylmanganese pentacarbonyl, with bp = 28°C (10⁻³ mm Hg). Orig. art. has: 2 formulas.

Card 1/2

EWI(B)/EPF(C)/ENP(J)/T Po-4/Px-4 RM

ACCESSION NR: AP5001608

S/0062/64/000/012/2247/2247

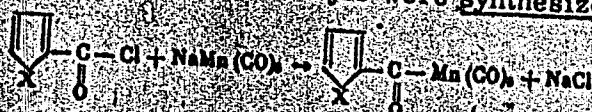
AUTHOR: Nesmeyanov, A. N., Anisimov, K. N., Kolobova, N. Ye.

TITLE: Heterocyclic derivatives of manganese pentacarbonyl

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 12, 1964, 2247

TOPIC TAGS: manganese pentacarbonyl heterocyclic derivative, synthesis, heterocyclic compound, manganese carbonyl compound

ABSTRACT: The methylfuroyl-, benzofuroyl-, and thienoyl-manganese pentacarbonyls, and the corresponding decarboxylated derivatives--methylfuryl-, benzofuryl- and thienyl-manganese pentacarbonyls were synthesized for the first time!



where X = O, S

Card 1/2

L 25269-65

ACCESSION NR: AP5001606

Orig. art. has: 1 table and 1 set of equations



ASSOCIATION: Institut elementoorganicheskikh soedineniy Akademii nauk SSSR
(Institute of Organometallic Compounds Academy of Sciences SSSR)

SUBMITTED: 02Oct84

ENCL: 00

SUB CODE: GC

NR REF SOV: 000

OTHER: 000

Card 2/2

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.;
ZLOTINA, I.B.

Reduction of cyclopentadienylmanganese tricarbonyl
ketones and dehydration of secondary alcohols. Dokl.
AN SSSR 154 no.2:391-394 Ja'64. (MIRA 17:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; BARYSHNIKOV,
L.I.

Acylation of cyclopentadienylrhodium tricarbonyl. Dokl. AN SSSR
154 no. 3:646-647 Ja '64. (MIRA 17:5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; ZLOTINA, I.B.

Reaction of cyclopentadienylmanganese tricarbonyl ketones
with Norman's reagent. Dokl. AN SSSR 154 no.4:871-873 F '64.
(MIRA 17:3)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLCHOVA, N.Ye.;
KHANDOZHKO, V.N.

Mixed bimetallic organic derivatives of rhenium carbonyl.
Dokl. AN SSSR 156 no. 2 383-385 My '64. (MIRA 17:7)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; ZAKHAROVA,
M. Ya.

Bimetallic derivatives of the carbonyls of chromium, molybdenum,
and tungsten. Dokl. AN SSSR 156 no. 3:612-615 '64. (MIRA 17:5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

RESNEVANT, A.E.; KOLDOVA, N.Ye.; ANISIMOV, K.K.; BARYSHNEV, L.L.

Oxidation and mercuriation of cyclopentadienyl rhodium carbonyl.
Izv. AN SSSR. Ser. khim. no.6:1134 de '64.

(MIRA 17:11)

I. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; VALUYEVA, Z.F.

Chloromethyl- λ -pentadienylmanganese tricarbonyl. Dokl. AN
SSSR 157 no.3:622-625 J1 '64. (MIRA 17:7)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N. Ye.

Synthesis of cyclopentadienylmanganese tricarbonyl from
chloromanganese pentacarbonyl and thallium cyclopentadiene.
Izv. AN SSSR Ser. khim. no.12:2220 D '64 (MIRA 18:1)

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; MAGGIEEDOV,
G.K. - I.

Isomerization of 2-hydroxy-4-pentyn-2-yl-cyclopentadienyl-
manganesetricarbonyl and 2-hydroxy-2-phenyl-4-methylpentyn-
to the respective enones. Dokl. AN SSSR 158 no.1:163-166
S - O '64 (MIRA 17:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

52600-65 EWT(S)/BPT(S)/MP(47/4) PRL/PL-4 RM
 UR/0062/64/000/012/2220/2220

ACCESSION NR: AP5015855

AUTHOR: Nenasyanov, A. N.; Anisimova, L. N.; Kolobova, N. I.

TITLE: Synthesis of cyclopentadienylmanganese tricarbonyl from chloromanganese pentacarbonyl and thallium cyclopentadiene.

SOURCE: AN SSSR, Izvestiya Seriya Khimicheskaya, no. 12, 1964, 2220

TOPIC TAGS: organic synthetic process; organomanganese compound, chlorinated organic compound, thallium compound

ABSTRACT: Cyclopentadienylmanganese tricarbonyl was isolated in 95% yield from the reaction of chloromanganese pentacarbonyl with thallium cyclopentadiene in benzene medium. The reaction was found to begin at room temperature, producing unstable $\sigma\text{-C}_5\text{H}_5\text{Mn}(\text{CO})_5$ which upon heating liberates two molecules of carbon monoxide and $\text{p1-C}_5\text{H}_5\text{Mn}(\text{CO})_3$. Orig. art. has 1 formula.

ASSOCIATION: Institut Elementoorganicheskikh Akademii nauk SSSR (Institute of Heteroorganic Compounds, Academy of Sciences, SSSR)

SUBMITTED: 29Apr64 ENCL: 00 SUB CODE: 00, 00
 NO REF SOV: 003 OTHER: 002 JPRS
 Card 1/1

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N. Ye.

Heterocyclic derivatives of manganese pentacarbonyl. Izv. AN
SSSR Ser. khim. no.12:2247 D '64 (MIRA 18:1)

1. Institut elementoorganicheskikh sovedineniy AN SSSR.

NESMEYANOV, A.N.; KURSANOV, D.N.; SETKINA, V.N.; KISLYAKOVA, N.V.; KOLOBOVA,
N.Ye.; ANISIMOV, K.N.

Isotopic exchange of hydrogen atoms in cyclopentadienyl rhenium tricarbonyl.
Izv. AN SSSR. Ser. khim. no.4:762 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

1.59598-65 EWT(1)/EPE(1)/ENP(1)/ENP(1)/ENP(1) Pt-4/Pt-4 LJP(c) 3D/PA
 ACCESSION NR: AP5017968 UR/0062/65/000/006/1122/1122
 342-957-4546,811-4546,711,717

AUTHOR: Nasmayarov, A. N.; Anisimov, K. N.; Kolobova, N. Ye.; Zakharova, M. Ya.

TITLE: Polymetallic compounds of tin with metal carbonyls

SOURCE: AN SSSR. Izvestiya, Seriya khimicheskaya, no. 6, 1965, 1122

TOPIC TAGS: organotin compound, metal carbonyl

ABSTRACT: The authors obtained new polymetallic compounds of tin with the carbonyls of metals of groups VI, VII, and VIII according to the reaction



or

Card 1/2

19598-15

ACCESSION NR: AP5017968



B

This was followed by hydrochlorination and the separation of the corresponding halo derivatives, which are tabulated. Orig. art. has: 1 table and 2 formulas.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR
(Institute of Organometallic Compounds, Academy of Sciences, SSSR)

SUBMITTED: 23Apr65

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

Card 2/2

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; BESHCHASTNOV, A.S.

Binuclear derivatives of the carbonyls of molybdenum, manganese,
and rhenium. Dokl. AN SSSR 159 no.2:377-378 N '64. (MIRA 17:12)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

SETKINA, V.N.; BARANETSKAYA, N.K.; ANISIMOV, K.N.; KURSANOV, D.N.

Isotope exchange of hydrogen atoms of benzene chromium tricarbonyl.
Izv. AN SSSR. Ser. khim. no.10:1873-1874 O '64. (MIRA 17:12)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

NESMEYANOV, A.N., akademik; ANISIMOV, K.N.; VALUYEVA, Z.P.

Reactions of chloromethylcyclopentadienylmanganesetricarbonyl with
some nucleophilic reagents. Dokl. AN SSSR 162 no.1:112-115 My '65.
(MIRA 18x5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

L 64481-65 ENT (1)/EPE (2)/EWP (1)/ENAT (1) RM

ACCESSION NR: AF5021282

UR/0020/65/003/005/1159/1162

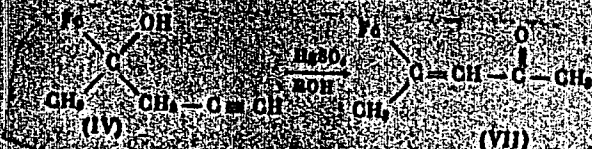
AUTHORS: Nesmeyanov, A. N. (Academician); Anisimov, K. N.; Kolobova, N. Ye.;
Magomedov, G. K. I.

TITLE: Isomerization of tertiary β -acetylene alcohols, derivatives of cyclopentadienylmanganese-tricarbonyl and ferrocene

SOURCE: AN SSSR, Doklady, v. 163, no. 5, 1965, 1159-1162

TOPIC TAGS: isomeric transition; tertiary acetylene alcohol; ferrocene

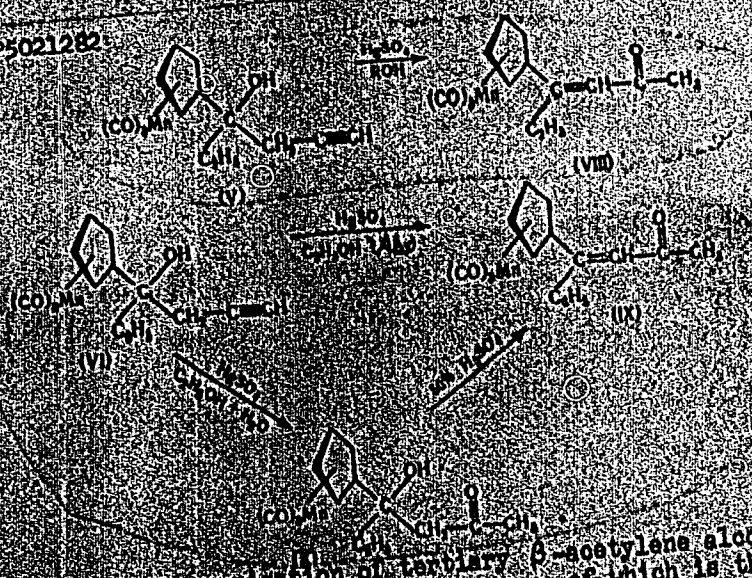
ABSTRACT: The work is an extension of the investigation of A. N. Nesmeyanov, K. N. Anisimov and others (DAN, 158, 163, 1964). It was found that the isomerization of the various alcohols in the presence of retarders ferrocene and cyclopentadienylmanganese-tricarbonyl proceeds as follows:



Card 1/3

L 64481-65

ACCESSION NR. AP5021282



It is concluded that the isomerization of tertiary β-acetylene alcohols represents an anionotropic re-arrangement, the first stage of which is the heterolysis of C-OH bond with the formation of carbonium ion. The authors thank Yu. N. Shevker and G. O. Dyorova for the determination of IR and UV spectra.

Card 2/3

llc
Card 3/3

L-64480-62

ACCESSION NR: AP5021282

Orig. art. has: 1 table and 7 equations.

ASSOCIATION: Institut elementoorganicheskikh soedineniy, Akademii nauk SSSR
(Institute for Heteroorganic Compounds, Academy of Sciences SSSR)

SUBMITTED: 10 Mar 65

ENGL: 00

NO REF SOV: 001

OTHER: 000

SUB CODE: 00

Card 3/3

ACC NR: AP6017399

SOURCE CODE: UR/0062/65/000/007/1309/1309

AUTHOR: Nesmeyanov, A. N.; Arisimov, K. N.; Kolobova, N. Ye.; Antonova, A. B.
 ORG: Institute of Organoelemental Compounds AN SSSR (Institut elementoorganicheskikh sovedineniy AN SSSR)

TITLE: Reaction of manganese chloropentacarbonyl with trichlorogermanium
 SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1965, 1309

TOPIC TAGS: manganese compound, germanium compound, IR spectrum, absorption band

ABSTRACT: Bimetallic compounds of carbonyls of transition metals with group IV metals are obtained by reaction of the sodium salt of the metal carbonyl with the halogenide derivative of a group IV metal. The authors carried out a new reaction of manganese chloropentacarbonyl with trichlorogermanium for the series of metal carbonyls: $\text{Cl}_3\text{GeH} + \text{ClMn}(\text{CO})_5 \rightarrow \text{Cl}_3\text{GeMn}(\text{CO})_5 + \text{HCl}$. The reaction was carried out in tetrahydrofuran with gradual rise in temperature from 20 to 60°C during the course of one hour. The manganopentacarbonyl-trichlorogermanium, obtained with a 40% yield, is a white crystalline compound with b. p. 168.5 - 169°C, insoluble in water, soluble in petroleum ether, benzene, and other organic solvents, sublimating in vacuum, and stable in air. The infrared spectrum of the compound contained intensive absorption bands in the region characteristic of carbonyl groups bound with metal, 2030 and 2130 cm^{-1} ; bands were present in the region of 400 and 453 cm^{-1} , corresponding to Ge-Cl bonds in compounds with the GeCl_3 groupings. Orig. art. has: 1 formula.

SUB CODE: /07, 20 / SUBM DATE: 23Apr65 / ORIG REF: 002

UDC: 661.668+546.711/717

[JPRS]

10044-66 EMT(a)/T WE/RM
ACC NR, AP6002075

AUTHOR: Nesmeyanov, A. N.; Zaytsev, V. A.; Anisimov, K. N.; Lerner, M. O.; Kolobova, N. Ye.; Poretskaya, A. P.; Magomedov, G. K.

SOURCE CODE: UR/0204/65/005/006/0892/0896

ORG: Institute of Heterorganic Compounds AN SSSR (Institut elementoorganicheskikh sovedinieniy AN SSSR)

TITLE: Antiknock effectiveness of certain organomanganese compounds

SOURCE: Neftekhimiya, v. 5, no. 6, 1965, 892-896

TOPIC TAGS: antiknock compound, organomanganese compound, fuel additive

ABSTRACT: The antiknock effectiveness of manganese carbonyl (MC) and of cyclopentadienyltricarbonylmanganese⁷(CTM) derivatives was compared with that of CTM and tetraethyllead (TEL). The effectiveness of the individual organomanganese compounds in different concentrations was studied in various fuels by the standard motor method for determining the octane number. It was shown that for a given metal content in the fuel: 1) the antiknock effectiveness of MC in comparison with that of CTM and TEL is as follows: a) In automotive gasolines A-66 and A-72, lower; b) in a mixture of isooctane (60%) and heptane (40%), nearly the same; c) in the aviation gasoline B-95/130, lower. 2) The antiknock effectiveness of MC-CTM mixture in B-95/130 gasoline is equal to that of CTM. 3) The antiknock effectiveness of 2[2-(alkoxy)-5-hexen-3-ynyl]cyclopentadienyltricarbonylmanganese depends on the alkoxy group and

Card 1/2

UDC: 547.514.72:171.1:665.521.23

L 10644-66.

ACC NR: AP6002075

drops in the sequence $-\text{OC}_2\text{H}_5>-\text{OC}_3\text{H}_7\text{-}\pi>-\text{OCH}_2\text{-CH=CH}_2>-\text{OCH}_3>-\text{OC}_4\text{H}_9$.
 2[2-(Ethoxy)-5-hexen-3-ynyl]cyclopentadienyltricarbonylmanganese improves the octane
 rating by two numbers as compared with CTM. 4) Introduction of acyl or benzoyl
 groups into the CTM molecule lowers its antiknock effectiveness. Orig. art. has:
 1 fig. and 6 tables. [BO]

SUB CODE: 21/ SUBM DATE: 12Nov64/ ORIG REF: 003/ OTH REF: 002/ ATD PRESS:

4169

Card 2/2

NESMEYANOV, A.N.; MAGOMEDOV, G.K.; KOLOBOVA, N.Ye.; ANISIMOV, K.N.

Condensation of acetylcyclopentadienylmanganese tricarbonyl
into 2-butenon-4yl-2,4-biscyclopentadienylmanganese tricarbonyl.
Izv. AN SSSR. Ser. khim. no.8:1496-1497 '65. (MIRA 18:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ANISIMOV, K.N.; KOLOBOVA, N.Ye.; MAGOMEDOV, G.K.-I.

Synthesis and isomerization of
4-hydroxy-4-methyl-2-heptyne-6-yl-2-cyclopentadienyl-
manganesetricarbonyl. Dokl. AN SSSR 165 no.4:817-820 D 1965.
(MIRA 18:12)
1. Institut elementoorganicheskikh sovedineniy AN SSSR. Sub-
mitted April 26, 1965.

NESMEYANOV, A.N.; ANISIMOV, K.N.; KOLOBOVA, N.Ye.; ANTONOVA, A.B.

Phenylgermanium derivatives of manganese carbonyl. Izv. AN SSSR.
Ser.khim. no.1:160-162 '66. (MIRA 19:1)

I. Institut elementoorganicheskikh soyedineniy AN SSSR. Submitted
May 14, 1965.

NESMEYANOV, A.N.; KOLOBOVA, N.Ye.; ANISIMOV, K.H.; EHANNICHEV, V.N.

Phenylgermanium and phenyltin derivatives of rhodium carbonyl.
Izv.AN SSSR, Ser.khim. no.1:163-164 '66.

(MIRA 19:1)
1. Institut elementoorganicheskikh soedineniy AN SSSR. Submitted May 14, 1965.

L 36986-66 EWP(j)/EWT(m) RM

ACC NR: AP6008509

SOURCE CODE: UR/0062/66/000/001/0160/0162

AUTHOR: Nesmeyanov, A. N. / Anisimov, K. N. / Kolobova, N. Ye. / Antonova, A. B.

ORG: Institute of Heteroorganic Compounds, Academy of Sciences SSSR (Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR)

TITLE: Phenylgermanium derivatives of manganese carbonyl

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 1, 1966, 160-162

TOPIC TAGS: manganese compound, phenyl compound, germanium compound, chemical synthesis, organogermanium compound

ABSTRACT: This investigation is devoted to the synthesis of phenylgermanium derivatives of manganese carbonyl $(C_6H_5)_4-nGeBr_n - nNaMn(CO)_5 \rightarrow (C_6H_5)_4nGe[Mn(CO)_5]_n + nNaBr$, where $n = 1$ or 2 , and to a study of certain of their properties. As a result of the reactions of the sodium salt of manganese carbonyl with halogenated phenylgermanium derivatives, the authors synthesize the bimetallic compounds $(C_6H_5)_3GeMn(CO)_5$, $(C_6H_5)_2Ge[Mn(CO)_5]_2$, and $(C_6H_5)_2(CO)_5MnGe[Mn(CO)_5](C_6H_5)_2$.

By substituting CO-groups into the bimetallic compounds for phosphines,

Card 1/2

UDC: 542.91+547.1'3

ACC NR: AP6008510

RM

SOURCE CODE: UR/0062/66/000/001/0163/0164

AUTHOR: Nesmeyanov, A. N.; Kolobova, N. Ye.; Anisimov, K. N.;
Khandozhko, V. N.

42
40
B

ORG: Institute of Heteroorganic Compounds, Academy of Sciences, SSSR (Institut
elementoorganicheskikh soyedineniy Akademii nauk SSSR)

TITLE: Phenylgermanium and phenylstannic derivatives of rhenium carbonyl

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 1, 1966, 163-164

TOPIC TAGS: phenyl compound, germanium compound, tin compound, rhenium
compound, organotin compound, chemical synthesis, organogermanium compound

ABSTRACT: In this work the authors accomplish the synthesis of compounds with
a Ge-Re bond and investigate certain properties of these compounds. Compounds
of the type $R_{4-n}Ge[Re(CO)_5]_n$ are produced by the reactions of the appropriate
organogermanium halides with the sodium salt of rhenium pentacarbonyl
 $R_{4-n}GeX_n + nNaRe(CO)_5 \rightarrow R_{4-n}Ge[Re(CO)_5]_n + nNaX$, where
 $R = C_6H_5$; $X = Br, Cl$; $n = 1, 2$. From this reaction the authors obtained
 $Ph_3GeRe(CO)_5$ and $Ph_2Ge[Re(CO)_5]_2$ with yields of 87 and 60%, respectively,
in the form of colorless crystals stable in air. Both compounds are readily
dissolved in polar solvents and in hydrocarbons with heating. By using halides

Card 1/2

UDC: 542.91+547.1'3

Card 2/2 *yes*

ACC NR: AP6017884

SOURCE CODE: UR/0062/66/000/005/0944/0944

AUTHOR: Nesmeyanov, A. N.; Kursanov, D. N.; Sotkina, V. N.; Kislyakova, N. V.;
Kolobova, D. N.; Anisimov, K. N.

ORG: Institute of Organometallic Compounds, Academy of Sciences, USSR (Institut
elementoorganicheskikh soedineniy Akademii nauk SSSR)

TITLE: Isotopic exchange of hydrogen atoms of manganese cyclopentadienyltricarbonyl
and rhenium cyclopentadienyltricarbonyl in alkaline media

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 5, 1966, 944

TOPIC TAGS: hydrogen, manganese compound, rhenium compound, deuterium, isotopic exchange

ABSTRACT: The authors found that manganese cyclopentadienyltricarbonyl (MCT) and
rhenium cyclopentadienyltricarbonyl (RCT) enter into the reaction of isotopic exchange
of hydrogen under the influence of alkali catalysts. For example, all the hydrogen
atoms of the cyclopentadienyl rings of MCT and RCT are exchanged for deuterium in
reaction with deuterioethanol in the presence of sodium alcoholate. The kinetics of
this reaction were studied at 100°C at molar ratios MCT or RCT:C₂H₅OD: NaOC₂H₅ =
120:19.5. The rate constants of hydrogen exchange under these conditions are 2.5 x 10⁻⁵
sec⁻¹ and 80 x 10⁻⁶ sec⁻¹ for MCT and RCT respectively, i.e., the relative reactivity
of the cyclopentadienyl rings of the rhenium derivative is almost 27 times that of the

Card 1/2

UDC: 547.1'3 + 541.127 + 539.183.2 + 661.183.125

ACC NR: AF6017884

the cyclopentadienyl derivative of manganese. The opposite relationship is observed in acid catalysis, and the exchange capacity of the hydrogen atoms in the cyclopentadienyl rings linked to manganese is higher than in the rhenium compounds. It is concluded that on passing from Mn (an element of period 4) to Re (period 6) of group VII of the periodic system, the reactivity of cyclopentadienyl ligands in acid media decreases, whereas in alkaline media the opposite is observed.

SUB CODE: 07/ SUBM DATE: 12Feb66/ ORIG REF: 002/ OTH REF: 001

Card 2/2/1127

ACC NR: AP7006028

SOURCE CODE: UR/0062/66/000/007/1292/1292

AUTHOR: Nesmeyanov, A. N.; Anisimov, K. N.; Kolobova, N. Ye.; Skripkin, V. V.

ORG: Institute of Heteroorganic Compounds, Academy of Sciences USSR (Institut elementoorganicheskikh soyedineniy AN SSSR)

TITLE: Bi- and polymetallic compounds with a Fe-Sn bond and their derivatives

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1966, 1292

TOPIC TAGS: organotin compound, organoiron compound

ABSTRACT: The reaction of SnCl_4 , $\text{C}_6\text{H}_5\text{SnCl}_3$, and $(\text{C}_6\text{H}_5)_2\text{SnCl}_2$ with $\text{NaFe}(\text{CO})_2\text{C}_5\text{H}_5$ in tetrahydrofuran yielded $[\text{pi-C}_5\text{H}_5\text{Fe}(\text{CO})_2]_4\text{Sn}$ (I), $[\text{pi-C}_5\text{H}_5\text{Fe}(\text{CO})_2]_3\text{SnC}_6\text{H}_5$ (II), and $[\text{pi-C}_5\text{H}_5\text{Fe}(\text{CO})_2]_2\text{Sn}(\text{C}_6\text{H}_5)_2$ (III). Hydrochlorination of (II) and (III) in carbon tetra-chloride yielded the known $[\text{pi-C}_5\text{H}_5\text{Fe}(\text{CO})_2]_2\text{SnCl}_2$. The latter was used to prepare a series of compounds with various functional groups on the tin atom. These colored compounds were characterized. Most were obtained in high or quantitative yields. Orig. art. has: 1 table. [JPRS: 38,967]

SUB CODE: 07 / SUBM DATE: 05May66 / OTH REF: 001

Card 1/1

UDC: 547.13 + 546.72 + 546.81
09270813

ACC NR: AP7013161

SOURCE CODE: UR'0062/66/000-012'2246'2246

AUTHOR: Nesmeyanov, A. N.; Anisimov, K. N.; Kolobova, N. Ye.; Denisov, F. S.

ORG: Institute of Heterorganic Compounds, AN SSSR (Institut elementoorganicheskikh soedineniy AN SSSR)

TITLE: Synthesis of pi-Cyclopentadienyldicarbonylirontrichlorogermane and pi-Cyclopentadienyldicarbonyliron dichlorogermane

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 12, 1966, 2246

TOPIC TAGS: germanium compound, chlorinated organic compound, organic chemical synthesis

SUB CODE: 07

ABSTRACT: pi-Cyclopentadienyldicarbonylirontrichlorogermane (I) was synthesized by the reaction of pi-cyclopentadienyldicarbonyliron chloride with $HGeCl_3$.

Compound (I), an air-stable crystalline substance, was also produced in a mixture with pi-Cyclopentadienyldicarbonyliron dichlorogermane (II) in low yield by the action of trichlorogermane upon dimer pi-cyclopentadienyldicarbonyl. The compound (II) was also produced in 85% yield by the reaction of a complex of dioxane and germanium dichloride on dimer pi-cyclopentadienyldicarbonyl.

Card 1/2

UDC: 542.91 + 547.1'3

ANISIMOV, K.P.; DZHABRAILOV, M.O.

Some data on the development of the Abramov gas field. Gas.
prom. 5 no.3:1-4 Mr '60. (MIRA 1:6)
(Abramov region(Stalingrad Province)—Gas, Natural—Geology)

ANISIMOV, K.P., dots. (Saratov)

Some factors determining technical conditions required for land-
grading operations. Gidr. 1 mel. 12 no.9:15-18 S '60. (MIRA 13:9)
(Earthwork) (Irrigation)

ANISIMOV, K.P.; ANISIMOVA, M.V.

Porosity of carbonate reservoir rocks. Geol. nefti i gaza 5 no.4:
38-39 Ap '61. (MIRA 14:4)

1. Archedinskoye neftepromyslovoye upravleniye.
(Rocks, Carbonate) (Porosity)

ANISIMOV, L. inzh.; CHIZHOV, A., inzh.

Ninety percent of the apartment houses were rated "good" or
"excellent." Na stroi. Ros. 3 no.10:2-3 0 '62.

(Noril'sk—Apartment houses)

ANISTOV, L. A. LIVENTSEV, L., BERNARD, F.K.

BEE Culture

Bee colonies with several queens Pchelovodstvo 29, no. 4, April 1952

9. Monthly List of Russian Accessions, Library of Congress, August 19~~53~~², Uncl.

ANISIMOV, L.A.

Water discharge of Mesozoic sediments of the Terek-Kuma artesian basin. Izv. vys. ucheb. zav.; neft' i gaz 4 no.6:3-8 '61.
(MIRA 15:1)

1. Groznenskiy neftyanoy institut.
(Kuma Valley--Water, Underground) (Terek Valley--Water, Underground)

ANISIMOV, L.A.

Some results of the study of the hydrogeology of the southwestern part of the Caspian Depression. Izv. vys. ucheb. zav.; neft' i gaz 6 no.2:3-6 '63. (MIRA 16:5)

1. Groznenskiy neftyanoy institut.

(Caspian Depression--Water, Underground)

ANISIMOV, L. A.

Hydrodynamic properties of water-bearing complexes in the
northwestern part of the Caspian Sea region. Geol. nefti i
gaza 7 no.1:52-55 Ja (63. (MIRA 16:1)

1. Groznenskiy neftyanoy institut.

(Caspian Sea region—Water, Underground)

ANISIMOV, L.A.

Nature of dislocations in the arched section of the
Promyslovoye-Busginskaya zone and their effect on the
distribution of oil and gas pools. Izv. vys. ucheb. zav.;
neft' i gaz 5 no.1:13-18 '62. (MIRA 16:11)

1. Groznenskiy neftyanoy institut.

ANISIMOV, L.A.

Conditions governing the formation of the chemical composition
of underground waters in the Caspian Lowland. Izv.vys.ucheb.
zav.; geol. i razv. 6 no.11:109-113 N '63.

(MIRA 18:1)

1. Groznenskiy neftyanoy institut.

ANISIMOV, I.A.

Conditions of ground water saturation with gas in the oil and
gas bearing basins. Geol. nefti i gaza 9 no.1:58-61 Ja '65.
(MIRA 18:3)
1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy
i gazovoy promyshlennosti.

ANISIMOV, L.I.

Mining and ore-dressing equipment put out by the Darasun Plant.
Gor.zhur. no.9:47-48 S '60. (MIRA 13:9)

1. Glavnyy konstruktor Darasunskogo zavoda.
(Mining machinery) (Ore dressing--Equipment and supplies)

ANISIMOV, L.I.

Mining machinery of the Darasun mining equipment plant. Ser.zhur.
no.12:40-42 D '63. (MIRA 17:3)

1. Glavnyy inzh. Darasunskogo zavoda gornogo oborudovaniya.

ANISIMOV I. S.

Diagnosis of achylia gastrica with the use of sounds. Lab. delo
6 no.4:13-15 J1-Ag '60. (MIRA 13:12)
(GASTRIC JUICE)

S/152/63/000/002/002/003
B126/B186

AUTHORS: Grishin, A. P., and Anisimov, M. A.

TITLE: Sound velocity in binary systems with paraffin content

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gas, no. 2, 1963, 63 - 69

TEXT: A narrow fraction of hard paraffin hydrocarbons (melting point 52.2°C) from Grozny paraffin crude, was investigated to study structural changes and phase formation in solutions. The sound velocity was measured by an ultrasonic interferometer at a frequency of 4.8 Mc/sec in 6 systems, viz. $n\text{-C}_7\text{H}_{16}$ - $n\text{-C}_{16}\text{H}_{34}$; $n\text{-C}_7\text{H}_{16}$ - paraffin; C_6H_6 - paraffin; $n\text{-C}_5\text{H}_{11}\text{OH}$ - paraffin; $n\text{-C}_4\text{H}_9\text{OH}$ - paraffin; $n\text{-C}_8\text{H}_{17}\text{OH}$ (secondary) - paraffin; the results were compared with the mutual solubility in the same systems. The system n-heptane - n-hexadecane can be considered as a standard example of simple molecular and structural relations showing a strict additivity of sound velocity in the blend expressed in parts by volume in preference to parts by weight in view of the considerable difference in the components

Card 1/2

GRISHIN, A.P.; ANISIMOV, M.A.

Evaluating density and concentration fluctuations in binary systems containing paraffins and other components on the basis of ultrasonic data. Izv. vys. ucheb. zav.; neft' i gaz 7 no.2:61-64 '64.

(MIRA 17:10)

1. Groznenskiy neftyanoy institut.

ANISIMOV, M.A.; MANULOV, F.G.; GRISHIN, A.P.; BASHILOV, A.A.

Thermodynamic analysis of polymerization between ethylene and
carbon tetrachloride. Izv. vys. uchob. zav.; neft' i gaz 7 no.5:
79-82 '64. (MIRA 17:9)

1. Groznenskiy neftyanoy institut.

KRYLOV, Viktor Aleksandrovich; SOLOVEY, Agniya Petrovna; ANISIMOV, M.G.,
inzh., retsenzenty; INOZEMTSEV, S.P., kand. tekhn. nauk, red. BE-
LEVTSEVA, A.G., red. izd-va; SHCHERBAKOV, P.V., tekhn. red.

[Safety engineering in work on systems containing high-
frequency and superhigh-frequency power generators] Bezopasnost'
truda pri rabote na ustanovkakh s generatorami energii vysokikh
i sverkhvysokikh chastot. Moskva, Gos. nauchno-tekhn. izd-vo
Oborongiz, 1961. 61. (MIRA 14:6)

(Radio, Shortwave—Safety measures)

PALASHEVSKAYA, Aleksandra Semenovna; ANISIMOV, M.G., inzh., retsenzent;
SOKOLOV, A.I., inzh., red.; BELEVTSOVA, A.G., red. izd-va;
ORESHKINA, V.I., tekhn. red.

[Means for preventing industrial noise] Sredstva zashchity ot pro-
izvodstvennogo shuma. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz,
1961. 77 p. (MIRA 14:9)

(Noise)

DANILOV, I.S.; RYZHKOV, V.I.; ANISIMOV, M.G.; KUROCHKIN, V.D., red.

[Arabic-Russian and Russian-Arabic military dictionary]
Arabsko-russkii i russko-arabskii voennyi slovar'. Moskva,
Voenizdat, 1965. 704 p. (MIRA 18:9)

ANISIMOV, M. I.

Concerning the Description of Atmospheric Phenomena Meteorol i gidrologiya,
No 5, 1953, pp 45-48

The author proposes additions to the descriptions of liquid, niveous,
and icy hydrometeors in the publication Nastavlenii meteorologicheskim
stantsiyam i postam (Instructions to Meteorological Stations and Posts).
(RZhGeol, No 5, 1954)

SO: Sum. No568, 6 Jul 55

ANISIMOV, M. I.

"Corrections to the Readings of the Rain Gage".
Meteorol. i gidrologiya, No 5, p 44, 1954.

Comparison of data on reserves of water in snow obtained from snow surveys in extreme northern Siberia and from rain-gage observations on solid precipitation established that the dependence between measured total of precipitations and reserves of water in snow for each rain gage installation is rectilinear and varies but slightly with time. The precipitations that did not fall in a rain gage are expressed by the quantity $9.6v$ 14.6 (v is the mean winter velocity of wind in meters per second) and can reach 80% of that fallen. (RZhGeol, No 8, 1955)

SO: Sum No 884, 9 Apr 1956

ANISIMOV, Mikhail Ivanovich; RIKHTER, G.D., otvetstvennyy red.; NASIMOVICH,
A.A., red. izd-va; GUSEVA, A.P., tekhn. red.

[Snow and avalanches] Sneg i snezhnye obvaly. Moskva, Izd-vo Akad.
nauk SSSR, 1958. 98 p. (MIRA 11:7)
(Snow and avalanches)

U. ISIMOV, M.I.

An unusual rainbow. Meteor. i gidrol. no.3:41 Nr '61.

(11-11-62)

(Rainbow)

ANISIMOV, M.I.

Approximate evaluation of formulas expressing the heat
conductivity of snow. Meteor. i gidrol. no.9:34-36 S '61.
(MIRA 14:8)
(Snow--Thermal properties)

S/191/60/000/010/009/017
B004/B060

AUTHORS: Selivanov, S. S., Kopeliovich, M. Kh., Anisimov, M. M.
TITLE: A Continuous Method of Producing Heat-insulation Plates
From Poroplast Φ C-7 (FS-7)
PERIODICAL: Plasticheskiye massy, 1960, No. 10, p. 26

TEXT: The following deficiencies are noted in the current production of heat-insulation plates: 1) the pressure arising in the pore formation amounts to 0.05 kg/cm^2 . 400-ton presses of the type П-713 (P-713) with a pressure of 25 kg/cm^2 are, however, being used, which leads to a senseless waste of energy. 2) The presses are hand-operated. The authors propose a continuous method with an АНП-1 (ANP-1) apparatus. [Abstracter's Note: This apparatus is not described]. For a plate backing, wrapping paper is rolled onto the conveyer band from a roll, the composition is applied automatically, and again covered with wrapping paper. By the conveyer band, the composition gets into a heating chamber ($140-150^\circ\text{C}$), melts, and foams up under the action of the expanding agent. Facilities to prevent the plates from deforming are provided at this stage. Hardening sets in

Card 1/2

ANISIMOV, N., kand.ekonomicheskikh nauk

Inspiring prospects. Komm.Vooruzh.Sil 1 no.4:9-14 F '61.
(MIRA 14:8)
(Agricultural policy)

ANISIMOV, N.

Potentials for increasing productivity on virgin-land state farms.

Sots. Rud 6 no.4:28-37 Ap '61. (MIRA 16:7)

(Virgin Territory--State farms--Labor productivity)

ANISIMOV, N.

Concerning the joint suspension of electric power distribution
lines and wire broadcasting lines on the same poles. Prom.energ.
17 no.4:52 Ap '62. (MIRA 15v4)

1. Bashenergoneft'.

(Electric lines---Overhead)

USSR / Human and Animal Physiology (Normal and Pathological). Nervous System. General Problems T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97844

Author : Anisimov, N. B.

Inst : Molotovsk Medical INstitute

Title : On the Cutaneo-Galvanic Reflex in Muscular Tension and Temperature Influence on the Human Organism

Orig Pub: Tr. Molotovsk. med. in-ta, 1957, vyp. 26, 28-32

Abstract: A sound with a force of 90 decibels and a duration of 2 seconds served as an absolute irritant for induction of cutaneo-galvanic reflex (DGR). In cooling of hands, the curve of DGR shifted to one side; and by warming, to the opposite side. The median

Card 1/2

ANISIMOV, N.F.

Therapeutic uses of wine. Biokhim. vin. no.7:82-90 '63.(MIRA 16:4)
(Wine--Therapeutic use)

SOV/137-59-3-5070

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 26 (USSR)

AUTHOR: Anisimov, N. G.

TITLE: Research Work in the Steel-smelting Industry (Issledovatel'skiye raboty v staleplavil'nom proizvodstve)

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ABSTRACT: Investigations are carried out at the Novotul'skiy metallurgical plant on the development of a new technology for the production of steel and pig iron. Interesting work is done on the study of production with technically pure O₂ of Bessemer steel which is in no way inferior to open-hearth metal and of mastering and integrating into the industry a new method of continuous steel casting. Capital investment per ton of yearly yield for top-blown Bessemer shops is almost 50% less than that necessary for open-hearth shop construction. Better mechanical properties were obtained in rolled steel manufactured with continuous casting than in steel rolled from ingots.

P. P.

Card 1/1

ANISIMOV, N.G.

[Centennial of the Kazan Flax Combine] Kazanskii l'nokombinat;
100 let. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 261 p.
(MIRA 15:4)

(Kazan—Flax)

ANISIMOV, Nikolay Gerasimovich; GIL'MANOV, Gilemdar Rizvanovich;
STRATIYEV, Valentin Ivanovich; OSTASHEVSKAYA, G.A., red.

[Frequency-type remote control system for oil fields]
Chastotnaya sistema telemekhanizatsii neftepromyslov.
Ufa, Bashkirske knizhnoe izd-vo, 1962. 83 p.
(MIRA 17:7)

ANISHKOV, N. I.

Anisimov, N. I. "New designs of arrangement for automatic repeat connection,"
Trudy Novocherkas. politekhn. in-ta im. Ordzhonikidze, Vol. XVIII, 1948,
p. 33-42

SO: U-3150, 16 June 53, (Letovis 'Zhurnal 'nykh Statey, No. 5, 1949).

ANISIMOV, N.I.

Osnovaniia i fundamenty gidrotekhnicheskikh sooruzhenii (Foundations of hydrotechnical structures). Moskva, Rechizdat, 1952. 195 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

ANISIMOV, NIKOLAY IL'ICH.

ANISIMOV, NIKOLAI IL'ICH.

Sel'skoe khoziaistvo v novoi stalinskoj piatiletke. [Moskva], Gospolitizdat, 1946. 142 p.

Bibliographical foot-notes.

~~CU~~ ~~MI~~ ~~NNC~~

DLC: S241.A65

SO: LC, Soviet Geography, Part I, 1951, Uncl.

ANISIMOV, Nikolai Il'ich.

Agriculture of the USSR for thirty years; public lecture. Moscow: Pravda, 1947.
(Mic 58-7057) Collation of the original as determined from the film: 22 p.

Microfilm Slavic 258 S

1. Agriculture - Russia

ANISIMOV, Nikolai Il'ich.

Victory of socialist agriculture; a summary of thirty years of Soviet rule
Moskva, Sel'khozgiz, 1947. 127 p.

HD1992.A7

CLU GST-H DA ICU
NGrnUN NN WaU

ANISIMOV, Nilolay Il'ich

Development of agriculture during the first postwar Five-Year Plan. (Moskva),
Gos izdvo polit. lit-ry, 1952

SO: MLRA June 1952

ANISIMOV, NIKOLAY IL'YICH.

N/5
783.33
.A51

Razvitiye Sel'skogo Khozyaystva V Pyatoy Pyatiletke (Development Of
Agriculture In The Fifth Five Year Plan) Moskva, Gospolitizdat, 1953.

213 p. Tables.

Bibliographical Footnotes.

ANISIMOV, Nikolai Il'ich.

Reclamation of virgin and waste lands- a vast reserve for the increasing of grain production.
Moskva, Gos. izd-vo polit lit-ry, 1954. 79 p.

1. Reclamation of land-Russia. 2. Grain- Russia

ANISIMOV, Nikolay Il'ich, kandidat ekonomicheskikh nauk; ANDRONOV, I.I.,
redaktor; ISLENT'YEVA, P.G., tekhnicheskii redaktor

[Agriculture of the U.S.S.R. in the sixth five-year plan] Sel'skoe
khoziaistvo SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie,"
1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politiche-
skikh i nauchnykh znani. Ser.8, Ekonomika sel'skogo khoziaistva,
vyp. 2, no.2) (MLRA 9:8)
(Agricultural policy)

ANISIMOV, Nikolay Illich; TIKHONOVA, Ye.M., red.; FEDOTOVA, A.F., tekhn.
red.

[How our agriculture has been changed in the past 40 years] Kak
izmenilos' nashe sel'skoe khoziaistvo za 40 let. Moskva, Gos.
izd-vo sel'khoz. lit-ry, 1957. 140 p. (MIRA 11:4)
(Agriculture)

ANISIMOV, N.I.

ANISIMOV, N.I., kandidat ekonomicheskikh nauk.

Valuable textbook ("Economic aspects of socialist agriculture."
Reviewed by N.I. Anisimov). Nauka i pered.op.v sel'khoz. 7 no.6:77-79
Je '57. (MLRA 10:7)

(Agriculture, Cooperative)

ANISIMOV, Nikolay Il'ich, kand.ekonom.nauk; KATSNEL'SON, S.M., red.;
SAVCHENKO, Ya.V., tekhn.red.

[State farms in the seven-year plan; basic aspects of the
development of state farm production in the seven-year plan]
Sovkhozy v semiletke; osnovnye voprosy razvitiia sovkhosnogo
proizvodstva v semiletke. Moskva, Izd-vo "Znanie," 1959.
31 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politi-
cheskikh i nauchnykh znani. Ser.5, Sel'skoe khoziaistvo,
no.17) (MIRA 12-7)

(State farms)